

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB2004/004683

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/32 G01N33/50 G01N33/68 A61P15/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	THURSTON LISA M ET AL: "Identification of amplified restriction fragment length polymorphism markers linked to genes controlling boar sperm viability following cryopreservation" BIOLOGY OF REPRODUCTION, vol. 66, no. 3, March 2002 (2002-03), pages 545-554, XP008042683 ISSN: 0006-3363 cited in the application page 545, right-hand column, line 2 - line 16	1-13
A	US 6 183 991 B1 (LOK SI ET AL) 6 February 2001 (2001-02-06) abstract	14-29
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

23 February 2005

Date of mailing of the international search report

04/03/2005

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In **onal Application No**
PCT/GB2004/004683

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>NACHARAJU V L ET AL: "Presence of 11beta-hydroxysteroid dehydrogenase in human semen: Evidence of correlation with semen characteristics"</p> <p>STERIODS: STRUCTURE, FUNCTION, AND REGULATION, ELSEVIER SCIENCE PUBLISHERS, NEW YORK, NY, US,</p> <p>vol. 62, no. 3, March 1997 (1997-03), pages 311-314, XP004057110</p> <p>ISSN: 0039-128X</p> <p>cited in the application abstract</p>	1-26
A	<p>NEUMANN A ET AL: "Temporal coincidence of the appearance of elongated spermatids and histochemical reaction of 11-beta-hydroxysteroid dehydrogenase in rat Leydig cells"</p> <p>ANDROLOGIA,</p> <p>vol. 25, no. 5, 1993, pages 263-269, XP008042676</p> <p>ISSN: 0303-4569</p> <p>abstract</p>	1-26
A	<p>GREGORY L: "Ovarian markers of implantation potential in assisted reproduction."</p> <p>HUMAN REPRODUCTION (OXFORD, ENGLAND) DEC 1998,</p> <p>vol. 13 Suppl 4, December 1998 (1998-12), pages 117-132, XP008042677</p> <p>ISSN: 0268-1161</p> <p>abstract</p>	21-26
A	<p>THURSTON L M ET AL: "Ovarian modulators of 11beta-hydroxysteroid dehydrogenase (11betaHSD) activity in follicular fluid from gonadotrophin-stimulated assisted conception cycles."</p> <p>REPRODUCTION (CAMBRIDGE),</p> <p>vol. 124, no. 6, December 2002 (2002-12), pages 801-812, XP008042678</p> <p>ISSN: 1470-1626</p> <p>cited in the application</p> <p>page 803, right-hand column, paragraphs 2,3</p> <p>page 804, left-hand column, paragraph 1</p>	27-29

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>THURSTON L M ET AL: "Ovarian modulators of type 1 11beta-hydroxysteroid dehydrogenase (11betaHSD) activity and intra-follicular cortisol:cortisone ratios correlate with the clinical outcome of IVF."</p> <p>HUMAN REPRODUCTION (OXFORD), vol. 18, no. 8, August 2003 (2003-08), pages 1603-1612, XP008042682 ISSN: 0268-1161 cited in the application abstract</p>	27-29
A	<p>THURSTON LISA M ET AL: "Ovarian modulators of 11beta-hydroxysteroid dehydrogenase (11betaHSD) activity in follicular fluid from bovine and porcine large antral follicles and spontaneous ovarian cysts."</p> <p>BIOLOGY OF REPRODUCTION, vol. 68, no. 6, June 2003 (2003-06), pages 2157-2163, XP008042685 ISSN: 0006-3363 cited in the application abstract</p>	27-29
A	<p>GAFFNEY B T ET AL: "Panax ginseng and Eleutherococcus senticosus may exaggerate an already existing biphasic response to stress via inhibition of enzymes which limit the binding of stress hormones to their receptors"</p> <p>MEDICAL HYPOTHESES, vol. 56, no. 5, May 2001 (2001-05), pages 567-572, XP008042673 ISSN: 0306-9877 abstract</p>	27-29

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004683

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6183991	B1	06-02-2001	US 5959075 A	28-09-1999
			US 6709659 B1	23-03-2004
			US 2004086509 A1	06-05-2004
			AU 3972797 A	25-02-1998
			EP 0918859 A1	02-06-1999
			JP 2000503860 T	04-04-2000
			JP 2002204698 A	23-07-2002
			JP 2004073205 A	11-03-2004
			WO 9805782 A1	12-02-1998
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